

Examiner Signature	D.H. Malzahn	Date Considered	1/12/05
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 10

**Complete if Known**

Application Number	09/823,390
Filing Date	March 30, 2001
First Named Inventor	Tinku Acharya
Art Unit	2811
Examiner Name	To Be Determined
Attorney Docket Number	042390.P11277

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number - Kind Code* (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5,875,122	02-23-1999	Acharya	
		US-5,995,210	11-30-1999	Acharya	
		US-6,009,201	12-28-1999	Acharya	
		US-6,009,206	12-28-1999	Acharya	
		US-6,047,303	04-04-2000	Acharya	
		US-6,091,851	07-18-2000	Acharya	
		US-6,094,508	07-25-2000	Acharya, et al.	
		US-6,108,453	08-22-2000	Acharya	
		US-6,124,811	09-26-2000	Acharya, et al.	
		US-6,130,960	10-10-2000	Acharya	
		US-6,151,415	11-21-2000	Acharya, et al.	
		US-6,151,069	11-21-2000	Dunton, et al.	
		US-6,154,493	11-28-2000	Acharya, et al.	
		US-6,166,664	12-26-2000	Acharya	
		US-6,178,269 B1	01-23-2001	Acharya	
		US-6,195,026 B1	02-27-2001	Acharya	
		US-6,215,916 B1	04-10-2001	Acharya	
		US-6,215,908 B1	04-10-2001	Pazmino, et al.	
		US-6,229,578 B1	05-08-2001	Acharya, et al.	
		US-6,233,358 B1	05-15-2001	Acharya	

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**FOREIGN PATENT DOCUMENTS**

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D. H. Ma|zahn

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## Sheet

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Application Number 09/823,390

Filing Date March 30, 2001

First Named Inventor Tinku Acharya

Art Unit	2811
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Examiner Name	To Be Determined
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Attorney Docket Number 042390 P11277

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JSA		US-6,236,433 B1	05-27-2001	Acharya, et al.	
		US-6,236,765 B1	05-22-2001	Acharya	
		US-6,269,181 B1	07-31-2001	Acharya	
		US-6,275,206 B1	08-14-2001	Tsai, et al.	
		US-6,285,796 B1	09-04-2001	Acharya, et al.	
		US-6,292,114 B1	09-18-2001	Tsai, et al.	
		US-6,301,392 B1	10-09-2001	Acharya	
		US-6,348,929 B1	02-19-2002	Acharya, et al.	
		US-6,351,555 B1	02-26-2002	Acharya, et al.	
		US-6,356,276 B1	03-12-2002	Acharya	
		US-6,366,694 B1	04-02-2002	Acharya	
		US-6,366,692 B1	04-02-2002	Acharya	
		US-6,373,481 B1	04-16-2002	Tan, et al.	
		US-6,377,280 B1	04-23-2002	Acharya, et al.	
		US-6,381,357 B1	04-30-2002	Tan, et al.	
JSA		US-6,392,699 B1	05-21-2002	Acharya	
		US-6,449,380 B1	09-10-2002	Acharya, et al.	
		US-6,535,648 B1	03-18-2003	Acharya	
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**FOREIGN PATIENT DOCUMENTS**[illegible]

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D. H. Malzahn

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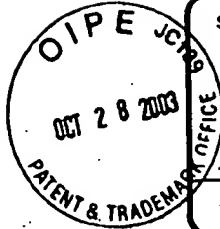
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STATEMENT BY APPLICANT

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Application Number	09/823,390
Filing Date	March 30, 2001
First Named Inventor	Tinku Acharya
Art Unit	2811
Examiner Name	To Be Determined
Attorney Docket Number	042390.P11277

## OTHER ART - NON PATENT LITERATURE DOCUMENTS

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<i>DA</i>		Acharya, "A MEMORY BASED VLSI ARCHITECTURE FOR IMAGE COMPRESSION", Application No. 08/885,415, Filing Date 6/03/97, Atty Docket No. 042390.P4425, No. Pgs. 37.
		Bawolek, et al., "INFRARED CORRECTION SYSTEM", Application No. 09/126,203, Filing Date 7/30/98, Atty Docket No. 042390.P6172, No Pgs. 23.
		Pazmino, et al., "METHOD OF COMPRESSING AND/OR DECOMPRESSING A DATA SET USING SIGNIFICANCE MAPPING", Application No. 09/151,336, Filing Date 9/11/98, Atty Docket No. 042390.P6391, No Pgs. 25.
		Tan, et al., "REDUCTION OF RINGING ARTIFACTS AFTER DECOMPRESSION OF A DWT-BASED COMPRESSED IMAGE", Application No. 09/165,511, Filing Date 10/2/98, Atty Docket No. 042390.P6220, No. Pgs. 20.
		Tan, et al., "ROBUST SEQUENTIAL APPROACH IN DETECTING DEFECTIVE PIXELS WITHIN AN IMAGE SENSOR", Application No. 09/191,310, Filing Date 10/13/98, Atty Docket No. 042390.P6575, No. Pgs. 35.
		Acharya, et al., "COLOR INTERPOLATION FOR A FOUR COLOR MOSAIC PATTERN", Application No. 09/197,836, Filing Date 11/24/98, Atty Docket No. 042390.P6376, No. Pgs. 26.
		Acharya, "ENHANCING IMAGE COMPRESSION PERFORMANCE BY MORPHOLOGICAL PROCESSING", Application No. 09/297,810, Filing Date 4/14/99, Atty Docket No. 042390.P6878, No Pgs. 30.
		Tan, et al., "USING AN ELECTRONIC CAMERA TO BUILD A FILE CONTAINING TEXT", Application No. 09/301,753, Filing Date 4/29/99, Atty Docket No. 042390.P5742, No. Pgs. 21.
		Tan, et al., "METHOD AND APPARATUS FOR ADAPTIVELY SHARPENING AN IMAGE", Application No. 09/320,192, Filing Date 5/26/99, Atty Docket No. 042390.P6452, No. Pgs. 29.
		Tan, et al., "METHOD AND APPARATUS FOR ADAPTIVELY SHARPENING LOCAL IMAGE CONTENT OF AN IMAGE", Application No. 09/328,935, Filing Date 6/9/99, Atty Docket No. 042390.P7125, No Pgs. 29.
		Tan, et al., "A HARDWARE EFFICIENT WAVELET-BASED VIDEO COMPRESSION SCHEME", Application No. 042390.P6529, Filing Date 6/29/99, Atty Docket No. 042390.P6529, No Pgs. 32.
		Acharya, et al., "MODEL-BASED VIDEO IMAGE CODING", Application No. 09/608,991, Filing Date 6/30/00, Atty Docket No. 042390.P8764, No. Pgs. 36.
		Acharya, et al., "IMAGE PROCESSING METHOD AND APPARATUS", Application No. 09/359,523, Filing Date 7/23/99, Atty Docket No. 042390.P7323, No. Pgs. 16.
<i>DA</i>		Tan, et al., "A METHODOLOGY FOR COLOR CORRECTION WITH NOISE REGULATION", Application No. 09/359,831, Filing Date 7/23/99, Atty Docket No. 042390.P7320, No. Pgs. 29.

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STATEMENT BY APPLICANT**

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Application Number 09/823,390  
Filing Date March 30, 2001  
First Named Inventor Tinku Acharya  
Art Unit 2811  
Examiner Name To Be Determined  
Attorney Docket Number 042390.P11277

**OTHER ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
		Acharya, "DISCRETE FILTER", Application No. 09/432,337, Filing Date 9/2/99, Atty Docket No. 042390.P7626, No Pgs. 22.	
		Acharya, et al., "ZEROTREE ENCODING OF WAVELET DATA", Application No. 09/390,255, Filing Date 9/3/99, Atty Docket No. 042390.P7057, No. Pgs. 25.	
		Acharya, et al., "A FUZZY BASED THRESHOLDING TECHNIQUE FOR IMAGE SEGMENTATION", Application No. 09/393,136, Filing Date 9/10/99, Atty Docket No. 042390.P7114, No Pgs. 28.	
		Acharya, et al., "A FUZZY DISTINCTION BASED THRESHOLDING TECHNIQUE FOR IMAGE SEGMENTATION", Application No. 09/393,017, Filing Date 9/10/99, Atty Docket No. 042390.P7115, No Pgs. 29.	
		Acharya "VIDEO MOTION ESTIMATION", Application No. 09/406,032, Filing Date 9/27/99, Atty Docket No. 042390.P7330, No Pgs. 24.	
		Acharya, et al., "METHOD OF COMPRESSING A COLOR IMAGE", Application No. 09/411,697, Filing Date 10/1/99, Atty Docket No. 042390.P7463, No Pgs. 26.	
		Acharya, et al., "METHOD OF INTERPOLATING COLOR PIXEL SIGNALS FROM A SUBSAMPLED COLOR IMAGE", Application No. 09/410,800, Filing Date 10/1/99, Atty Docket No. 042390.P7331, No Pgs. 20.	
		Acharya, et al., "SQUARE ROOT RAISED COSINE SYMMETRIC FILTER FOR MOBILE TELECOMMUNICATIONS", Application No. 09/429,058, Filing Date 10/29/99, Atty Docket No. 042390.P7629, No Pgs. 26.	
		Acharya, et al., "INDEXING WAVELET COMPRESSED VIDEO FOR EFFICIENT DATA HANDLING", Application No. 09/438,091, Filing Date 11/10/99, Atty Docket No. 042390.P6454, No Pgs. 29.	
		Metz, et al., "IMAGE PROCESSING ARCHITECTURE", Application No. 09/473,643, Filing Date 11/18/99, Atty Docket No. 042390.P8050, No Pgs. 15.	
		Acharya, "METHOD OF UPSCALING A COLOR IMAGE", Application No. 09/461,080, Filing Date 12/14/99, Atty Docket No. 042390.P7489, No Pgs. 22.	
		Acharya, "METHOD OF CONVERTING A SUB-SAMPLED COLOR IMAGE", Application No. 09/461,068, Filing Date 12/14/99, Atty Docket No. 042390.P7490, No Pgs. 22.	
		Acharya, et al., "CHIP RATE SELECTABLE SQUARE ROOT RAISED COSINE FILTER FOR MOBILE TELECOMMUNICATIONS", Application No. 09/467,487, Filing Date 12/20/99, Atty Docket No. 042390.P8026, No Pgs. 44.	
		Miao, et al., "DUAL MODE FILTER FOR MOBILE TELECOMMUNICATIONS", Application No. 09/467,611, Filing Date 12/20/99, Atty Docket No. 042390.P8027, No Pgs. 49.	

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	Application Number	09/823,390
	Filing Date	March 30, 2001
	First Named Inventor	Tinku Acharya
	Art. Unit	2811
	Examiner Name	To Be Determined
Sheet <u>5</u> of <u>6</u>	Attorney Docket Number	042390.P11277

OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T*
[Signature]		Acharya, "A BLOCK-MATCHING ALGORITHM FOR COLOR INTERPOLATION", Application No. 09/494,087, Filing Date 1/28/00, Atty Docket No. 042390.P5090D, No Pgs 35.	
		Acharya, et al., "A METHOD OF INVERSE QUANTIZING SIGNALS SAMPLES OF AN IMAGE DURING IMAGE DECOMPRESSION", Application No. 09/507,213, Filing Date 2/18/00, No Pgs. 32.	
		Acharya, et al., "A METHOD OF QUANTIZING SIGNAL SAMPLES OF AN IMAGE DURING IMAGE COMPRESSION", Application No 09/507,399, Filing Date 2/18/00, Atty Docket No. 042390.P7135, No. Pgs 24.	
		Acharya, et al., "METHOD OF INTERGRATING A WATERMARK INTO AN IMAGE", Application No. 09/519,874, Filing Date 3/6/00, Atty Docket No 042390.P7136, No Pgs 27.	
		Acharya, et al., "METHOD OF USING HUE TO INTERPOLATE COLOR PIXEL SIGNALS", Application No. 09/591,867, Filing Date 6/12/00, Atty Docket No. 042390.P8746, No Pgs 23.	
		Kim, et al., "METHOD OF PERFORMING MOTION ESTIMATION", Application No. 09/596,127, Filing Date 6/16/00, Atty Docket No. 042390.P8747, No Pgs 29.	
		Dunton et al., "DUAL MODE DIGITAL CAMERA FOR VIDEO AND STILL OPERATION", Application No. 09/595,055, Filing Date 6/16/00, Atty Docket No 042390.P5079C, No Pgs 30.	
		Acharya, et al., "METHOD OF COMPRESSING AN IMAGE", Application No. 09/597,354, Filing Date 6/19/00, Atty Docket No. 042390.P8760, No Pgs 23.	
		Acharya, et al., "METHOD OF VIDEO CODING THE MOVEMENT OF A HUMAN FACE FROM A SEQUENCE OF IMAGES", Application No. 09/608,989, Filing Date 6/30/00, Atty Docket No. 042390.P8762, No Pgs. 25.	
		Acharya, et al., "METHOD OF VIDEO CODING SHOULDER MOVEMENT FROM A SEQUENCE OF IMAGES", Application No. 09/607,724, Filing Date 6/30/00, Atty Docket No. 042390.P8763, No Pgs 24.	
		Acharya, "TECHNIQUES TO IMPLEMENT TWO-DIMENSIONAL COMPRESSION", Application No. 09/664,131, Filing Date 9/18/00, Atty Docket No. 042390.P9922, No Pgs 24.	
		Acharya, "TECHNIQUES TO IMPLEMENT ONE-DIMENSIONAL COMPRESSION", Application No. 09/666,486, Filing Date 9/18/00, Atty Docket No 042390.P9921, No Pgs 18.	
		Acharya, "SAD COMPUTATION ARCHITECEURE", Application No. 09/677,829, Filing Date 9/29/00, Atty Docket No 042390.P9823, No Pgs 24.	
	[Signature]		Acharya, et al., "A METHOD OF GENERATING HUFFMAN CODE LENGTH INFORMATION", Application No. 09/704,392, Filing Date 10/31/00, Atty Docket No. 042390.P9804, No Pgs 25.

Examiner Signature	<u>D.H. Malczuk</u>	Date Considered	<u>1/12/05</u>
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		Acharya, et al., "A METHOD OF PERFORMING HUFFMAN DECODING", Application No. 09/704,380, Filing Date 10/31/00, Atty Docket No. 042390.P9820, No Pgs 26.	
		Acharya, "METHOD AND APPARATUS FOR TWO-DIMENSIONAL SEPARABLE SYMMETRIC FILTERING", Application No. 09/713,663, Filing Date 11/15/00, Atty Docket No 042390.10409, No Pgs 20.	
		Acharya, "METHOD AND APPARATUS FOR MULTIPLY-ACCUMULATE TWO-DIMENSIONAL SEPARABLE SYMMETRIC FILTERING", Application No 09/718,877, Filing Date 11/20/00, Atty Docket No. 042390.P10545, No Pgs 13.	
		Acharya, et al., "DEVELOPING AN EULER VECTOR FOR IMAGES", Application No. 09/722,979, Filing Date 11/27/00, Atty Docket No 042390.P10405, No Pgs 45.	
		Acharya, et al., "COMPUTING THE EULER NUMBER OF A BINARY IMAGE" Application No 09/722,982, Filing Date 11/27/00, Atty Docket No 042390.P10273, No Pgs 31.	
		Acharya, et al., "WAVELET CODING OF VIDEO", Application No. 09/722,988, Filing Date 11/27/00, Atty Docket No 042390.P9822, No Pgs 40.	
		Acharya, et al., "ENCODING OF WAVELET TRANSFORMED ERROR DATA", Application No 09/723,123, Filing Date 11/27/00, Atty Docket No. 09/723,123, No Pgs 38.	
		Acharya, et al., "IMAGING DEVICE CONNECTED TO PROCESSOR-BASED SYSTEM USING HIGH-BANDWIDTH BUS", Application No 09/726,773, Filing Date 11/29/00, Atty Docket No 042390.P10274, No Pgs 31.	
		Acharya, et al., "A METHOD FOR BLOCK-BASED DIGITAL IMAGE WATERMAKING", Application No 09/727,288, Filing Date 11/29/00, Atty Docket No 042390.P10266, No Pgs 11.	
		Acharya, et al., "COLOR FILTER ARRAY AND COLOR INTERPOLATION ALGORITHM", Application No 09/727,038, Filing Date 11/30/00, Atty Docket No 042390.P10263, No Pages 36.	
		Acharya, et al., "METHOD OF GENERATING A LENGTH-CONSTRAINED HUFFMAN CODE", Application No. 09/705,314, Filing Date 11/30/00, Atty Docket No 042390.P10245, No Pgs 17.	
		Kim, et al., "METHOD OF PERFORMING VIDEO ENCODING RATE CONTROL", Application No 09/754,227, Filing Date 1/3/01, Atty Docket No 042390.P10264, No Pgs 28.	
		Kim, et al., "METHOD OF PERFORMING VIDEO ENCODING RATE CONTROL USING MOTION ESTIMATION", Application No 09/754,683, Filing Date 1/3/01, Atty Docket No 042390.P10265, No Pgs 29.	
		Kim, et al., "METHOD OF PERFORMING VIDEO ENCODING RATE CONTROL USING BIT BUDGET", Application No 09/754,682, Filing Date 1/3/01, Atty Docket No 042390.P10587, No Pgs 28.	

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